

Abstract

A method for the determination of the presence of free light chains (Bence Jones protein) in a unconcentrated and undiluted urine sample is provided in which the sample is reacted with an anti-free light chain antiserum reagent, where the presence of the free light chains is revealed by improved specific binding assay methods, including kits and devices utilizing chromatographically mobile specific binding reagents labeled with colloidal particles. Specific binding reagents labeled with colloidal particles such as gold may be subjected to rapid chromatographic solvent transport on chromatographic media by means of selected solvents and chromatographic transport facilitating agents.